

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: ASUMA et al

Serial No.: 10/625,722

Filed: July 24, 2003

For: Liquid Crystal Display Device

Group: 2871

Examiner: D. Nguyen

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop: DD
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 24, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents as listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the fee of \$180.00 set forth in 37 CFR 1.17(p).

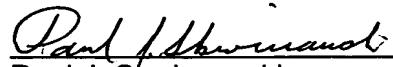
To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version translation of the documents.

It is respectfully requested that this information disclosure statement and the listed documents be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 501.42842X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



Paul J. Skwierawski
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Attachments

Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.42842X00	SERIAL NO. 10/625,722
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT ASUMA et al	
		FILING DATE July 24, 2003	GROUP 2871

O I P E
OCT 24 2003
U.S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS						
Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						

U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
AM	10-239678	9/98	Japan			X	
AN	2000-122092	4/00	Japan			X	
AO							
AP							
AQ							

OTHER DOCUMENTS

AR	
AS	
AT	
Examiner	Date Considered